

Serial No. 10/646,768

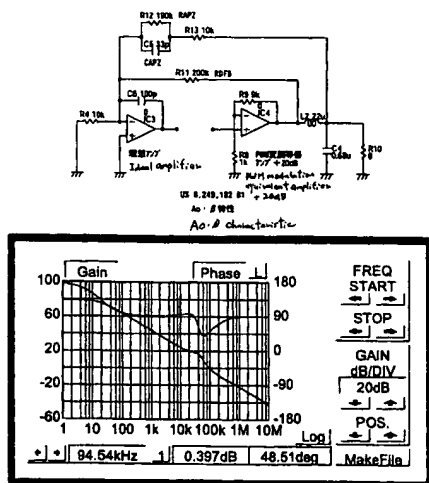
### REMARKS

A Petition for Extension of Time under 37 CFR 1.136 is enclosed.

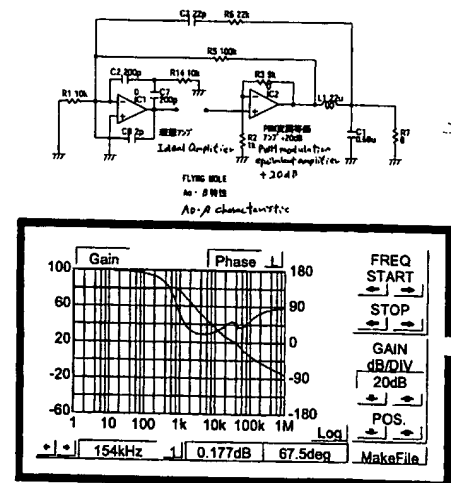
Three replacement drawing sheets containing Figs. 7, 8, 9 and 10 are enclosed. In the replacement sheets, Figs. 7, 8, 9 and 10 have been amended inserting the label "PRIOR ART" as required in the office action.

Reconsideration of the rejection of claim 2 under 35 U.S.C. §102(b) as being anticipated by U.S. Patent 6,249,182 (Pullen) is requested inasmuch as Pullen does not disclose a negative feedback circuit consisting of a series circuit of a resistance and a capacitor. Rather the feedback circuit of Pullen has a parallel circuit of a resistance  $R_{RAPZ}$  and capacitor  $C_{APZ}$ . The feedback circuit with a series resistance and capacitor is totally different in transmission characteristics from a feedback circuit with a parallel resistance and capacitor. Therefore, claim 2 of the present application and the circuit described in Pullen are different in feedback constant so that a negative loop characteristic is also different.

SIMULATION OF US 6,249,182



SIMULATION OF PRESENT APPLICATION



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Amendments to the drawing figures:

Enclosed are three replacement sheets containing Figs. 7, 8, 9 and 10 wherein the label  
"PRIOR ART" is added.

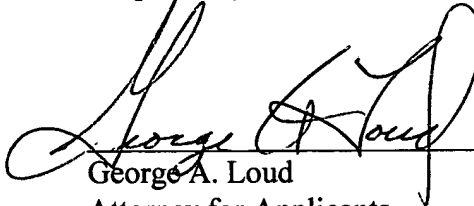
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The above simulations by applicant of circuits illustrating the circuit described in Pullen and the circuit according to claim 2 of the present application illustrate the different transmission characteristics.

In view of the above, claims 2-5 are clearly novel and patentable and withdrawal of the rejection of claim 2 is requested.

The application is now believed to be in condition for allowance and such favorable action is requested.

Respectfully submitted,

 5/2/2005  
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